

## Abstract

The invention concerns an apparatus for detecting a predefined fill level of a medium in a container having a lid (1) by means of a conductive measuring system, which has at least two measuring electrodes (2, 3) extending into the container, wherein a measurement current ( $I_M$ ) flowing between the two measuring electrodes (2, 3) is used to detect the reaching of the predefined fill level. An object of the invention is to make possible a differentiated detection of accretions on the lid (1) of the container. The object is achieved according to one variant of the invention by providing a compensation electrode (4), which is arranged such that the degree of fouling in the region of the lid (1) of the container is determined on the basis of a current ( $I_p$ ) flowing between one of the measuring electrodes (2, 3) and the compensation electrode, caused by conductive accretions in the lid (1) of the container.